

Gordiyenko, B.A.

Computer solution of Problems of Impact  
Buckling of Elastic Systems Using the Method  
of Finite Differences.

AKADEMIYA NAUK SSSR. IZVESTIYA, MEKHANIKA  
TVERDOGO TELA, MAY-JUNE 1970. PP.143-148.

NISC 3466

Byachenkov, V.I.

Stability of Spherical Shells Under the Combined Action of an External Pressure and Local Axisymmetric Loads.

AKADEMIYA NAUK SSSR. IZVESTIYA. MEKHANIKA T  
TVERIODOGO TELA. Nov.-Dec. 1970, pp.133-138.  
NISC 3 73

1971-1972  
1971-1972 STUDIA ACADEMII MATEMATIKI, MECHANIKI  
T/23/DOGO VOLV/  
--/---/1971, ----, N0001  
Loss of stability of a cylindrical shell on  
longitudinal impact, 7 pp  
pp 20-23 AIR/ITD/HT-23-1505-74 #

Kachanov, L. M.

On the question of an experimental construction  
of yield surfaces.

AKADEMIYA NAUK SSSR. IZVESTIYA. MEKHANIKA TVER-  
DOGO TELA, No 4, 1971, pp 177-179.

NTC 73-11332-20K

Dyakonov, V. A.

*On the stability of axially reinforced  
shells of revolution under asymmetric loadings*  
AKADEMICHESKAYA GAZETKA SSSR, IZVESTIYA, MECHANIKI TVERDOGO

TELA, N. 5, 1971, pp. 157-164

NYC 73-ASC 22-20X

METHODS OF REDUCING CONTINUOUS NON LINEAR PROBLEMS OF THE MECHANICS OF A SOLID

TEREGULOV, L. LANGUAGE-RU COUNTRY-UR

IZV. AKAD. NAUK. SSSR, MEKH. TVER. TELA VOL.  
15 1972 PP 21-27

FSTC-HT-23-1378-73

EXTREME BOUNDARY PROBLEMS IN THE THEORY OF PL  
ASTICITY

comptek sib

PROTSENKO, A. LANGUAGE-RU COUNTRY-UR

IZV. AKAU. NAUK. SSSR MEKH. TVER. TELA VOL. 1  
5, 1972 PP 28-32  
FSTC-HT-23-1377-73

Aizenberg, M. V.

Low-frequency wave strain process in a semi-infinite  
cylindrical shell submerged in a compressible fluid.  
AKADEMIYA NAUK SSSR IZVESTIYA, MEKHANIKA TVERDOGOGO TELA,  
n. 3, p. 98-104, 1972  
NTC 73-10943-20K

Some Problems in Determination of the Orientation  
of Instrument Trihedrons, by N.A. Parusnikov,  
12 pp.  
RUSSIAN, per, Izvestiya AN SSSR, Mekhanika Tverdogo  
Tela, Moscow, No 6, 1972, pp 27-35.  
JRC 59162

June 73

Kinematic Problem of Orientation in Rotating  
Coordinate System, by V.N. Branets,  
I.P. Shryglevskiy, 12pp.  
RUSSIAN, pem, Investiya AN SSSR, Mekhanika Tverdogo  
Tela, Moscow, No 6, 1972, pp 36-43.  
JPTT 59162

June 73

Metsavver, Yu. A.

Determination of the thickness and radius of a  
spherical shell by echo signals

IZDRAVYI BANK SSR, INVESTIYA, MECHANIKI TVERDOGO TELA,

n. 6, 1972, pp. 60-66

NTC 73-13051-201

Displacement in a Cylindrical Shell Subjected to a  
Cylindrical Wave in an Acoustic Medium, by  
V. D. Kubenko, 6 pp.  
IZV AN SSSR, MEKHAN TVERD TELE, No 6, 1972, pp 60-66.

X-7738

Apr 73

Kubenko, V. B.

Displacement in a cylindrical shell subjected to a  
cylindrical wave in an acoustic medium

AKA DOKL. RANU SSSR. INVESTIYA. MEKHANIK TVERDOGOGO TELA.

n. 6, 1972, p. 67-72

NKC 72-12052-40X

RUSSIAN

CSO: 8344/0453  
11 September 1974

On the Systematic Deflections of a Three-Axis Gyro-stabilizer, by T.K. Gadel'shin

Moscow, Izvestiya AN SSR, Mekhanika tverdogo tela,  
No. 6, 1973, pp 14-21

Please Publish

IZVESTIYA AKADEMIYA NAUK SSSR MEKHANIKA ZHIDKOSTI I GAZA

FLUID DYNAMICS

COVER TO COVER CONSULTANTS BUREAU

BEGAN WITH 1966 ISSUE

Gostintsev, Yu. A. et al.

Screw flows with multiple circulation in ducts  
of simple shape.

AKADEMIIA NAUK SSSR, IZV., MEKHANIKA ZHIDKOSTI  
I GAZA, No. 2, pp. 32-38.

AFL J-1891

Agency: Arrow/Redstone 161  
MIPR No. 971-00100-00-7016 0244/063  
S. J. A. [initials]

Title: The Influence of High Frequency Vibrations on  
the Onset of Convection.

Author: S. M. Zenkovskain and I. B. Simonenko

Source: Izvestiya Akademii Nauk SSSR, Mekhanika  
Chidmeti i Gaza, No. 5, 1966, pp 51-55.

Language: Russian

Special Instructions: Please translate.  
Edited draft only.

Lifshits, Yu. B.

Transonic flow past ducted bodies of revolution.  
AKADEMIYA NAUK SSRR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I  
GAZA, No. 2, p. 114-116, 1967.  
NTC 73-10740-20D

May 73

Agency: Kray/Redstone #63 0200/862  
MILR No. 971-60100-00-7016 2000/862

Title: A Study of Convection in a Fluid Layer in the  
Presence of Vibrational Forces.

Author: S. M. Lenkovskia

Source: Izvestiya Akademii Nauk, Mekhanika Zhidkosti i  
Gaza, No. 1, 1968, pp 55-58.

Language: Russian

Special Instructions: Please translate.  
Edited draft only.

bodies of revolution with minimum drag coefficient and low heat generation at high supersonic flight velocities, 15 pp  
PP 79-38, FSTC-HT-23-714-7000

Chernousko, F. L.

Motion of a Fluid bounded by a Flexible Membrane

AKADEMIYA NAUK SSSR, TEKHNICHESKAYA MECANIKHA ZHIDKOSTI

I GAZA, N. 2, 1970, PP. 204-228

NTC 73-32682-800

NTIS N72-32312

Agency: Army/Radstone  
#65

4244/66.4

26 Aug 73

SPIN No. 971-60100-00-7016

Title: A Numerical Study of the Convection which arises  
In a Modulated Field of Internal Forces.

Author: G. I. Burde

Source: Izvestiya Akademii Nauk; Mekhanika Zhidkosti i  
Gaza, No. 2, 1970, pp 196-201.

Language: Russian

Special Instructions: Please translate.  
Edited draft only.

Ponomarenko, V. G.

Investigation of two-layer gas flame in supersonic  
axially symmetric nozzles

AKADEMICHESKAYA NAUKA SSSR, IZVESTIYA, MECHTHANIKHA ZHIDKOSTI

I CHAS, n. 4, 1970, pp. 76-81, 117L-13772

NTC 72-13033-200

Isaev, R. G.

The hydrodynamic and thermodynamic features of  
nonequilibrium flow processes of multiphase mixtures  
in fractured-porous media.

AKADEMIYA NAUK SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI  
I GAZA, No. 1, p. 128-136, 1971.

ATS 42A130R

Mitrokhin, V. T.

One dimensional unsteady flow in a rotating vane cascade.

IZV. AK NAUK SSSR, MEKHANIKA ZHIDKOSTEY I GAZOV, No 5,  
1971, pp 77-83  
FTD-HS-23-488-73

may 73

Shifrin, E. G.

Problem of uniform jet flow around an airfoil. 12 pp.

IZV. AKAD. NAUK SSSR. MEKH. ZHIDK. GAZA (USSR) 1972,

pp 162-165

NASA TT F 14, \$13

May 73

Anufriyev, V. M.

Study of the characteristics of diffusers in an aerodynamic shock tube.

IZV. AK NAUK SSSR, MEKHANIKA ZHIDKOSTEY I GAZOV, No 1,

1972, pp 156-161

FTD-HS-23-482-73

HT-74-23-1976

May 73

Georg, E. B.

Experimental Study of Boundary Layer on Specimens  
being Destroyed under the combined action of  
convective and Radiant Heat Fluxes 9 pp

IZVESTIYA AKADEMII NAUK SSSR. MEKHANIKA ZHIDKOSTEY I

GAZOV, no. 2, 1972, pp. 25-29

AIR/FTD-HT-23-209-74

V. P. MARCHENOV

Calculation of the Aerodynamic Characteristics of Arrays  
of Profiles of Arbitrary Shape.

RUSSIAN, per, Izv Nauknoi Zhirkosti i Gaza, No 2, 1972,  
pp 105-112.

\*APL/JHU JJ-1771

Nov 72

Mikhailov, V. N.

*Supersonic flow in a corner formed by Intersecting  
Plates*

AKADEMIYA NAUK SSSR. IZVESTIYA. NEKHANIKA I ZHIDKOSTI

I GAZA, n. 2, 1973, pp. 103-108

NTC 75-21583-20D

NTIS N72-32802

Nazarenko, V. V.

Measurement of Pressure on an oscillating Aileron in  
Transonic Flow 12 pp.  
IZVESTIYA AKADEMII NAUK SSSR, MEKHANIKA ZHIDKOSTEY I  
GAZOV, no. 2, 1972, pp. 170-185  
AIR/FTD-UT-23, 200-41

Experimental Investigation of the Structure of the  
Turbulent Boundary Layer at a Plate with Helium  
Injection, by A. L. Yermakov.  
IZV MEKH ZHID GAZA, No 3, 1972, pp 60-67.

NAVY/APL/JHU-T-2711

May 73

The Effect of the External Flow Turbulence on  
Boundary-Layer Flow, by S. M. Gorlin  
IZV AN SSSR, MEKHANIKA ZHID I GAZA, No 4, 1972,  
pp 52-57.  
NAVY/APL/JHU-T-2727

April 73

Study of Off-Design Modes of an Axisymmetric Annular  
Plenum Nozzle, by F. A. Vilenskiy.

IZV AN SSSR MEKH ZHID I GAZA, No 4, 1972, pp 94-101.

NAVY-APL/JHU-T-2739

May 73

APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301950037-0



APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301950037-0

REQ TR CHECK

20-08-73

T310

INVESTIGATION OF NONSTATIONARY FLOW IN A  
CHANNEL DURING A SUDDEN CHANGE IN CONDITIONS  
AT THE OUTLET SECTION

GRIN', V.T.; IVANOV, M.YA.

UR: IZVESTIYA AKADEMIJ NAUK SSSR,  
MEKHANIKA ZHIDKOSTEY I GAZOV, NO. 4, 1972  
pp. 167-169.

*1/20-08-73 - 23 - 03/0*

Osipov, A.A.

Contribution to the solution of the variational problem of constructing the contour of the supersonic section of a nozzle.

IZV. AN SSSR. MEKHANIK ZHIDKOSTI I GAZA, No. 5  
pp.104-111 1972.

APL/JHU T-2763

Calculation of the Supersonic Region of a Three-Dimensional non-equilibrium Airflow Around a Body,  
by A. K. Burdelnyi  
IZV MEKH ZHID I GAZA, No 5, 1972, pp 124-129.  
NAVY/APL/JHU-T-2745

June 73

Skurin, L. I.

Determination of the parameters of a far-down-stream turbulent wake.

IZV. AN SSSR. MEKHANIKA ZHIDKOSTI I GAZA, N.6

pp. 32-40, 1972.  
APL/JHU T-2764

Shvets, A. I.

Flow in the base region of flat bodies.  
AN SSSR. MATEMATIKA ZHEDKOSTI I GAZA, No. 6,  
pp. 61-70. 1972.  
APL/JHU T-27b2

Bondarev, E.N.

Three-dimensional interaction of jets propagating in a supersonic wake flow.

IZV. AN SSSR. MEKHANIKA ZHIDKOSTI I GAZA, No.6  
pp.88-93, 1972.

APL/JHU T-2759

Yermakov, A. L.

Experimental Investigation of slow Stability during  
Intense Injection

I.Z.V. AKAD. NAUK SSSR, VENKI. ZINIK. Gaze (USSR), no. 6,  
Nov.-Dec. 1972, pp. 114-123

NASA TT T-14045

Golcvachev, Yu. P.

Investigation of convective and radiative  
heating of blunt bodies in a hypersonic flow.  
IZV. AN SSSR. MEKHANIKA ZHIDKOSTI I GAZA,  
No. 6, pp.169-173, 1972.  
APL/JHU T-2766

VLASOV, YE. V.

PIEROVSKII AKADEMIYA NAUK SSSR, MECHEMIZA ZHIDKOSTI I  
GAZI//

--/--/1973, V-----, N-----

Generation and suppression of turbulence in an  
axisymmetric turbulent jet in the presence of an  
acoustic influence,

pp 37-43, November-December 1973, NASA TT P 15, 72100

Rostovtsev, D.M.

Hydroelastic Vibrations of Beams  
Floating on an Incompressible Fluid Surface 5 pp

IZV. AN SSSR, MEKHAN. ZHIDK. I GAZA,  
No 1, 1973, pp 128-132

CIA-X-7871

Gorshkov, V. S.

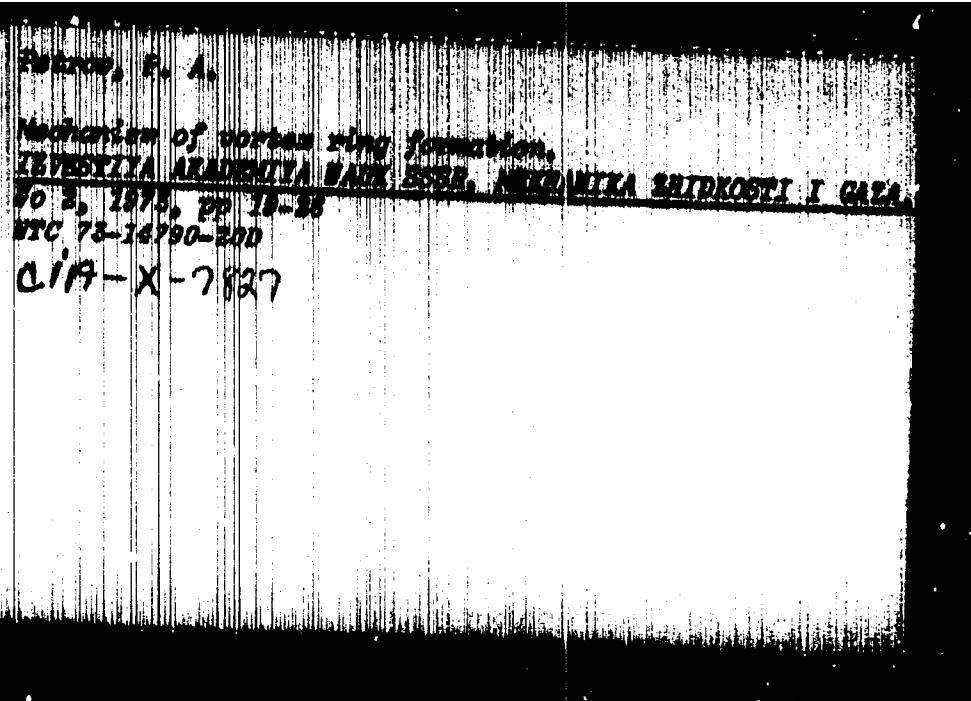
Naturalization of a merchant vessel found in vessels.

IZVESTIYA AKADEMII NAUK SSSR, NEFTEKHIMICHESKAYA SHIDKOSTI I

GAZI, NO. 1, 1973, pp. 167-168

NTC 73-13484-20D

CIA X-7753



Gostintsev, Yu.A.

Swirling Flows with Multiple Cells in Ducts of  
Simple Shape.

IZV. AN SSSR, MEKHANIKA ZHIDKOSTI I GAZA, N.2

pp. 32-33, 1973.

APL/JHU T-2801

Vakhidov, Sh. A.

Radiation stimulated thermoluminescence of  $\text{Y}_3\text{Al}_5\text{O}_{12}-\text{TR}^{3+}$  crystals.

IZVESTIYA AKADEMIIA NAUK UZBEKSKOI SSR, SERIYA FIZIKO-  
MATHEMATICHESKIH NAUK, NO 2, 1973, pp 65-68  
MIC 73-19968-208

Kotlyarov, L. N.

Cavitational flow around a plate in a channel by a  
gravity fluid stream.

IZVESTIYA AKADEMIYI NAUK SSSR, MEKHANITKA ZHIDKOSTI I GAZA

NO 3, 1973, pp. 5-9

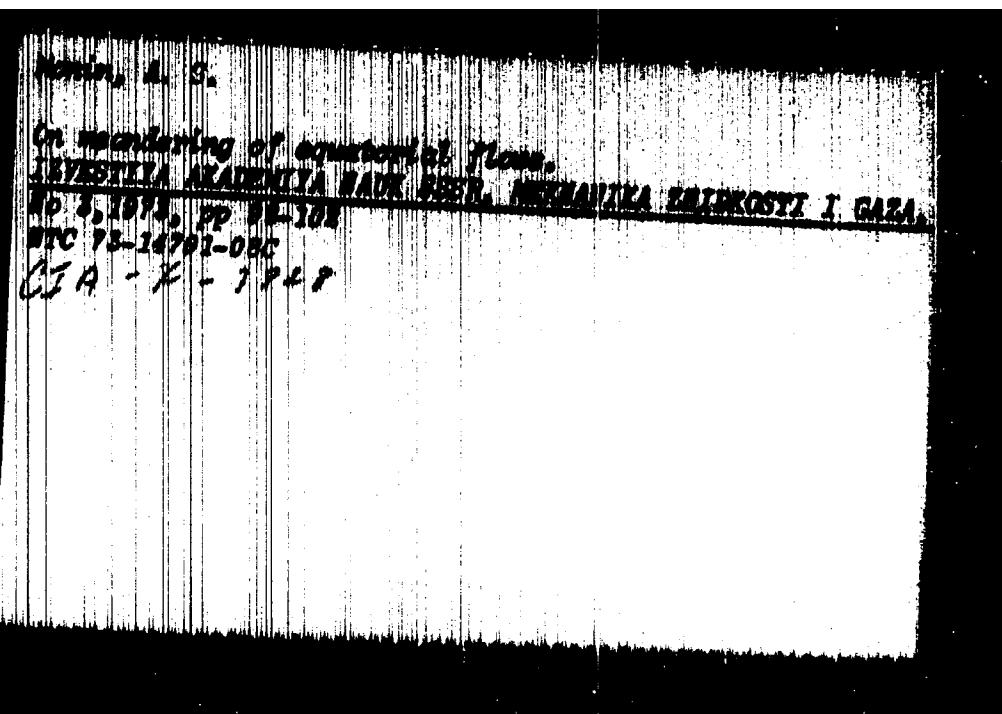
NYC 75-14793-200

CIA-X-7826

1973, V. A.  
//DVESTITVA AKADEMII NAUK SSSR. NEIZMENSKA ZNEDKOSTI  
I GALA/  
--/-1973, V0000, W0008,  
Unsteady motion of a profile near a wavy screen,  
11 pp., May-June 1973  
pp 10-16, AIR/PTD-HC-25-2738-74,  
DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY  
COPYRIGHT INFORMATION. OTHER REQUEST MUST BE  
REFERRRED TO PTDS

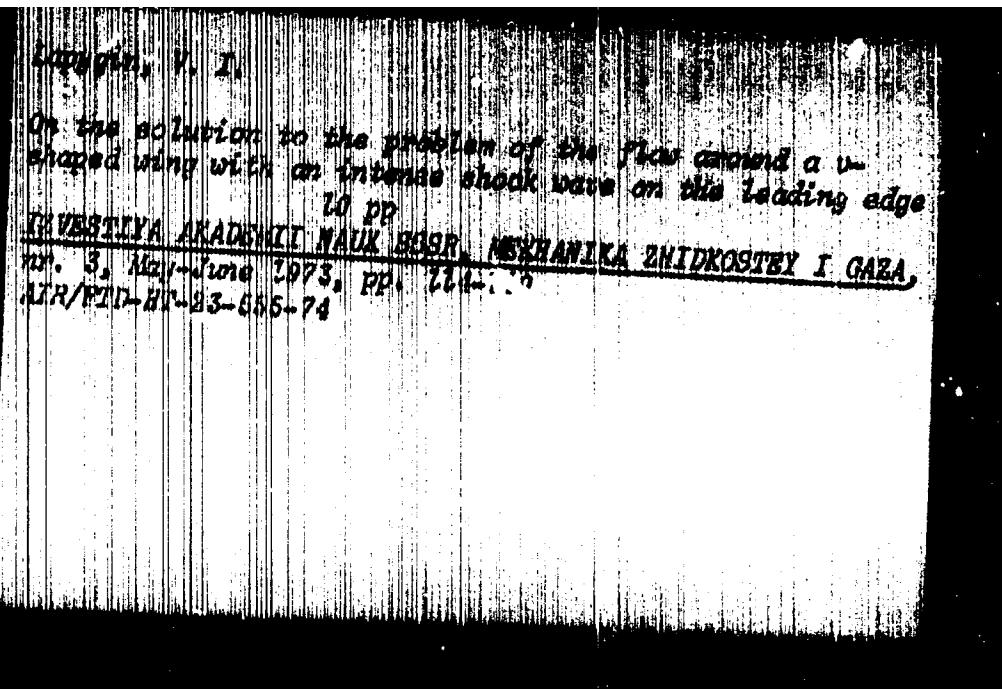
APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301950037-0



APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301950037-0



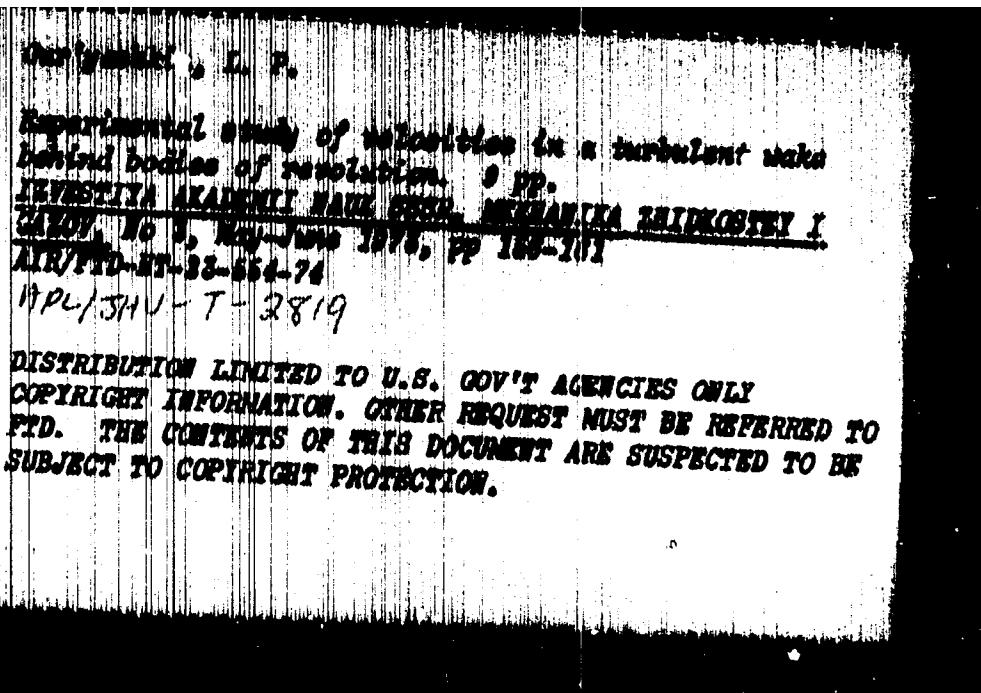
SHINKIN, G. P.

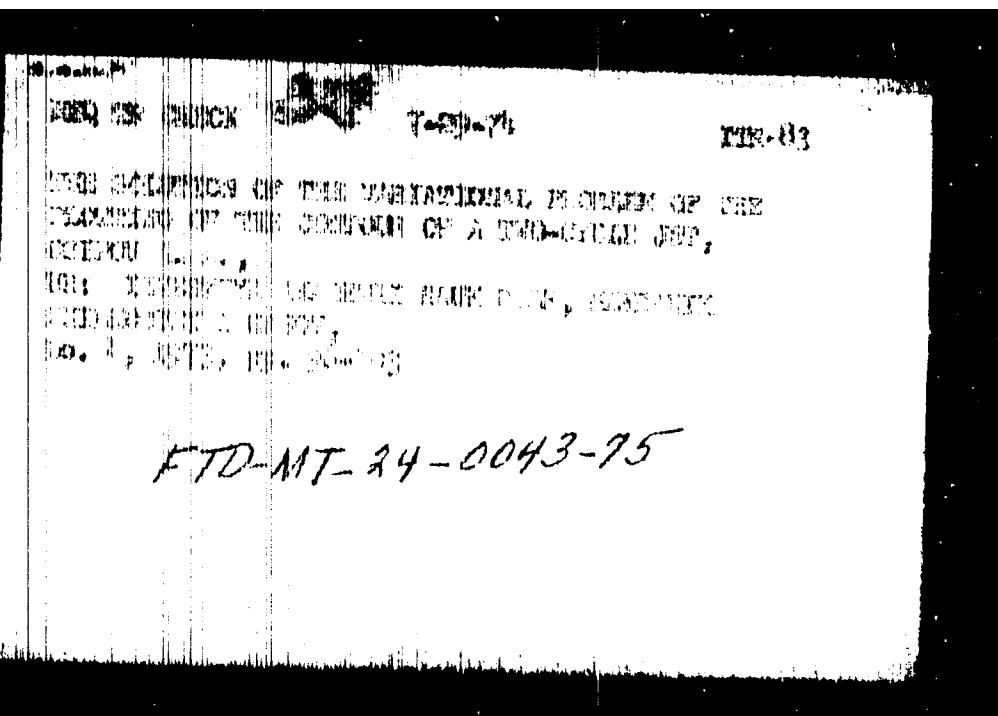
//IZVESTIYA AKADEMIIA NAUK SSSR MEKHANIKA  
ZHIDKOSTI I GAZA//

--/--/1973, V----, n----

Turbulent mixing of gas flows in the presence  
of a pressure gradient

PP 153-156 NASA TT F 15975##





Bazhenova, T.V.

Study of the diffraction of strong shock waves  
at convex corners.

MEKHANika ZHIDKOSTI I GAZA, No.4, pp.122-134,  
1973.

APL/JHU T-2845

Zhuk, V.I.

Kinetic models and the problem of shock-wave  
structure.

MEKHANIKA ZHIDKOSTI I GAZA, No.4, pp.135-141,  
1973.

APL/JHU T-2844

KAZAKOV, V. A.  
//AKADEMIYA NAUK SSSR, IZVESTIJA, MECCHANIKI ZHIDKOSTI  
I GAZA //

--/--/1973, V-----, NO004,  
On the Determination of the Impulsive Forces and  
Moments Communicated by Shocks to Bodies of  
Revolution,  
pp 186-190, NMIC 74-10486-01 AGO

Kuzakov, V.A.

On the Determination of the Impulsive Forces  
and Moments Communicated by Shocks to  
Bodies of Revolution

5 pp

IZV. AN SSSR, MEKH, ZHIDK. I GAZA, No 4, 1973  
pp 186-190

CIA-X-7851

Levin, V.A.

Strong injection on the surface of a body in  
a supersonic gas stream.

MEKHANIKA ZHIDKOSTI I GAZA, No.5, pp.97-104,  
1973.

APL/JHU T-2849

Ivanov, A.P.

Generation and Direct Viscous Dissipation  
of Turbulent Energy

8 pp

IZV. AN SSSR, MERN. ZHIDK. I GAZA, No 6, 1973  
pp 30-36

CIA-X-7886

Vakhobov, A. V.

Polarization E.M.F. And Activity of Aluminum  
in the Electrolysis of Cryolite-Alumina Melts.  
Izv. Akad. Nauk SSSR, Metally, 1967, No. 4,

pp. 64-72.

A.T.S. RJ-5273

REQ TR CHECK

27-02-74

T167

UNKNOWN

ANDREYEV, O N  
UR: IZVESTIYA AKADEMII NAUK SSSR, METALLY,  
NO. 1, 1970, pp. 193-196

*Process in as*

HS74-23-1858

Burov, N. N.

Internal Crystalline Segregation in Nickel Alloys,  
Alloyed with Cobalt

AKADEMIA NAUK SSSR, IZVESTIYA, METALIY, n. 1, 1973, p.

21-27

NTC 73-116/3-117

KEL ITC 746-1127

Bezukladnikov, A.B.

Diffusion Coefficients of Fe(3+) Ions  
in Chloride Melts

IZV. AKAD. NAUK, SSSR, METAL. 1, 1971, pp 64-9

\*NTIS-TT-74-53085

Makhlin, N.M.A

Effect of Vacuum on the Diffusion Mobility  
of Ni in Mo.

IZV. AKADEMII NAUK, SSSR, METAL, 1, 1971, pp 222-3

\*NTIS-TT-74-53086

RUSSIAN

Copy 5  
6pp

CSO: 8344/2088  
21 May 1974

Study of the System Al-Zn-Mg-Li in the Region  
of Alloys Enriched with Aluminum, by  
M. Ye. Drits, E. S. Kadaner, V.I. Kuz'mina

Moscow, Izvestiya Akademii Nauk SSSR. Metally,  
No 3, 1971, pp 210-213

Special type B

EMM Do not publish  
Single spaced draft plus two and include repros

Lozovoy, V.I.

Mechanism of Diffusion in Moltel Zinc and Cadmium

IZV. AKAD. NAUK, SSSR, METALLY, 4, 1971,  
pp 122-130

\*NTIS-~~TT~~-74-53087

Shinyaev, A. YA

Diffusion of Iron in Iron-Titanium Alloys

IZV. AKAD.NAUK, SSSR 4, 1971, pp 263-267  
METALLY

\*NTIS-74-53088

Levin, E.S.

Polytherms of the Viscosity and Self-Diffusion  
of Molten Aluminum

IZV. ANAD.NAUK SSSR, METALLY 5, 1971, pp 72-8

\*NTIS-74-53089

Bokshtein, S.Z.

Influence of Fine Structure Arising in  
Titanium during the Polymorphic Alpha-Beta  
Transformation to the Diffusion Mobility

IZV. AKAD. NAUK SSSR, METALLY 5, 1971, pp 210-5

\*NTIS-74-53091

Starodubov, K.F.

Mechanism of the Dynamic Spheroidization of  
Cementite

IZV. AKAD. NAUK SSSR, METALLY 6, 1971, pp 120-4

\*NTIS-~~TT~~-74-53090

Leytes, A. V.

Mechanism of Removing Nitride Inclusions From  
Heat-Resistant Alloys During Melting.

? pp

IZVESTIYA AKADEMII NAUK SSSR, METALLY, Moscow,  
No 3, 1973, pp 39-42.  
JPRS 59637

Karnetskiy, V. G.

Thermal Conductivity and Electrical Properties  
of Titanium Alloyed With Vanadium at 100-3500K.  
6 pp

I2VESTIYA AKADEMII NAUK SSSR-METALLY, Moscow,  
No 3, 1973, pp 80-84.  
JPRS 59623

Timofeyeva, Ye. N.

Behavior of Hafnium Dioxide Particles in Pre-cipitation-Hardened Nickel During Isothermal Annealing.

5 pp

IZVESTIYA AKADEMII NAUK SSSR, METALLY, Moscow,  
No 3, 1973, pp 140-142.

JPRS 59637

Okrainets, P. N.

High-Temperature Creep of Metals With a Face-Centered Cubic Lattice.

10 pp

IZVESTIYA AKADEMII NAUK SSSR-METALLY, Moscow,  
No 3, 1973. pp 151-156.

JPRS 59623

Pozdnyakov, V. V.

Investigation of the dissolution process of oxide films  
in titanium

AKADEMIIA NAUK SSSR, IZVESTIYA,

Aug. 1973, pp. 99-102 Metall., no. 4, July-

NASA TT F- 15,366

Novokhatatski, I.A.

Thermodynamic reduction of aluminate of iron  
by carbon monoxide.

IZV. AN SSSR MET I BORN DELO, 1960, No.6, p.47.  
FBISI 11312

Harokhatsu, I.M.

Thermodynamic Reduction of Iron Aluminate by  
Carbon Monoxide.

IZV. AN SSSR MET. I GORN. DEL2, 1963, No. 6 p47.  
BISI 11312

Kuchaeva, A.O.

On the Taxonomy of Actinomycetes of  
Lavendulae Group 32 pp

IZVESTIYA NA MIKROBIOLOGICHESKII INSTITUT  
Vol 13, 1961, pp 102-124

NTIS-~~TT~~-70-57128

U.S.S.R. V. VI.

Adhesion to and Solvation by Molted Models on the  
Hexagonal and Cubic Forms of Boron Nitride  
AKADEMIIA NAUK SSSR. INORGANICHESKII MATERIALLY, V. 6,  
n. 10, 1970, p. 1758-1761.  
RTC 73-1102-070

Suvorov, S. A.

Distribution of MgO in MgO-Al<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub> Systems.  
AKADEMIYA NAUK SSSR. IZVESTIYA. NEORGANICHESKIE  
MATERIALY, v. 7, p. 659-, 1971.  
NTC 73-10823-07B

Melekh, B.T.

Mossbauer effect in the tin-tellurium system.  
IZVESTIYA, AN SSSR, NEORGANICHESKIE MATERIALY  
Vol. 7, No. 7, pp. 693-694, 1971.  
AFL/JHU T-2847

Petrova, I. I.

Properties of solid solutions of grain-oriented  
ferromagnetic compounds  $Ni_2Ba_2Fe_{12}O_{22}$ - $Zn_2Ba_2Fe_{12}O_{22}$ .  
AKADEMIYA NAUK SSSR. IZVESTIYA. NEORGANICHESKIE  
MATERIALY, Vol. 7, No. 5, p. 828-833, 1971.  
ATS 83ALP9R

MONTEGO, V.  
//ZVCESTIYA AKADEMII NAUK SSSR, KHORGANICHESKIE  
MATERIALY //

--/-/1971, V0007, N0007,  
Effect of Degree of Cation Oxidation on 2-phase  
formation in Silicate Melts,  
pp 1249-1252, NAFIA-TT-F-1582500

Effect of substrate composition and arsenic  
content in arsenic-doped gallium arsenide on the  
properties of epitaxial layers of gallium  
arsenide grown from the melt phase.  
AKADEMIIA NAUK SSSR ZHISTVIM NEORGANI-  
CHESKIE MATERIALY, 1972, pp 368-369, v. 8,  
n. 2.

NTC 73-12283-07B.  
NLL 8036.625

*Nedvintseva, R. R.*

*Effects of the Concentration of Components in the  
Vapor on ZnO Crystal Formation*  
*AKADEMIIA NAUK SSSR. VINITI. NEORGANICHESKIE  
MATERIALY, v. 8, n. 3, 1972, pp. 491-498*  
*VTC 73-12703-308*

Nuclear Gamma-Resonance in Europium Tellurides,  
by O. A. Sadovskaya,  
IZV AN SSSR NEORGAN MAT, Vol 8, No 5, 1972, pp 815-820  
NAVY/APL/JHU-T-2708

May 73

Stansbury, S. P.

Synthesis of high molecular weight polyphosphate.  
IZVESTIYA AKADEMII NAUK SSSR, VIZOGANTOVSKE MATERIALY

No. 3, 1973, p. 1491-1493  
NIC 73-14581-07B

REQ TR CHECK . . . 26-03-73 T405

AN INVESTIGATION OF HIGH-TEMPERATURE  
VOLATILITY OF HEAT-RESISTANT CERAMIC COATINGS  
ON METALS

DEMCHENKO, N.S.; SMIRNOV, N.S.  
UR: AN SSSR. IZVESTIYA. NEORGANICHESKIE  
MATERIALY, 1972, VOL 6 NO 10, pp. 1812-1817

HSD - 23 - 0428

negative  
3 apr 73

REQ TR CHECK

26-03-73

T406

PRODUCTION OF OPTICAL CERAMICS BY USING THE  
METHOD OF EXPLOSIVE COMPRESSION OF INORGANIC  
COMPOUND POWDERS

ZHDAN, P.A.; MITROFANOV, B.V.  
UR: AN SSSR. IZVESTIYA. NEORGANICHESKIE  
MATERIALY, 1972, VOL 8, NO. 10,  
pp. 1879-1881

negative  
3 Apr 73

REQ TR CHECK . . . 26-03-73 T404

PROGRESS OF INORGANIC MATERIALS SCIENCE  
(ON THE 50th ANNIVERSARY OF USSR'S  
INAUGURATION DATE)

UNKNOWN

URI: AN SSSR. IZVESTIYA. NEORGANICHESKIY  
E MATERIALY, 1972, VOL 8, NO 12,  
pp. 2067-2077

*negative  
3 Apr 73*

ROMANENKO, V.N.

//IZVESTIYA AKADEMIYA NAUK SSSR. NEORGANICHESKIE  
MATERIALY//

--/--/1973, V6009, N0002,

Distribution coefficients and solubility curves  
of some rare-earth elements in Gels  
pp 190-196, NTC 74-11584-07D#

Butusov, O.V.

Magnetic and electrical properties of europium tellurides and selenides.

AN SSSR, INVESTIILIA, NEORGANICHESKIE MATERIALY

VOL. 9, NO. 8, PP. 1839-1841, 1973.

APL/JHU T-2829